



### **Work begins on groundwater cleanup remedy at Dunn Field**

**May 2004**—As part of the Memphis Depot's ongoing environmental cleanup program, seven groundwater monitoring wells will be installed in the Memphis Depot community. The wells will be used to collect data required to design and monitor the groundwater cleanup remedy for Dunn Field, as outlined in the Dunn Field Record of Decision (ROD).

**Monitoring wells will be installed near the following areas between mid-May and the end of June 2004:**

- **One well near the railroad tracks in the field west of Rozelle Street**
- **Five wells near the rail road tracks on Memphis Light, Gas, and Water property south east of Menager Road and east of Meadowhill Street**
- **One well near the intersection of Sparks Street and Dempster Avenue**

ProSonic Corporation will drill boreholes and install the monitoring wells under the direction of the Depot's contractor, MACTEC Engineering and Consulting. The drilling equipment will consist of a large drill rig and a support truck.

MACTEC will conduct the additional sampling to monitor groundwater conditions beneath the Depot community. The Memphis Depot Base Realignment and Closure Cleanup Team (BCT) will use the data to design the Permeable Reactive Barrier (PRB) and ensure it is functioning properly.

A PRB is an underground wall, filled with iron particles, called zero-valent iron, which allows the affected groundwater beneath Dunn Field to pass through. As the water flows through the iron particles naturally break down the chemicals, called volatile organic compounds, in the groundwater. The chemicals become safe compounds that degrade over time.

The Depot anticipates drilling no more than two days at each well location. The team will make every effort to minimize noise and disturbance to the community.

The Dunn Field ROD is available for public reference in the Depot's three information repositories located at the Depot, the Cherokee Branch Library and the Memphis/Shelby County Health Department.

**For more information, please call the Memphis Depot Community Relations Office at (901) 544-0613.**